

In the Claims:

Please amend claims 1, 8, 9, 15 and 17-20, and please cancel claims 2, 10 and 16, as indicated below.

1. (Currently amended) A system, comprising:

a distributed store comprising a primary state of session data configured for access by a plurality of application servers, wherein the session data comprises a plurality of attributes; and

a first application server of the plurality of application servers, comprising a client state of the session data accessible to processes executing within the application server, wherein the first application server is configured to track accesses of the attributes of the client state, wherein to track accesses of the attributes of the client state, the first application server is configured to store information identifying the accessed attributes;

wherein the distributed store is configured to synchronize the primary state with the client state according to the tracked accessed attributes.

2. (Canceled)

3. (Previously presented) The system as recited in claim 1, wherein, to track accesses of the attributes of the client state, the first application server is further configured to track mutable attributes and not track immutable attributes.

4. (Original) The system as recited in claim 1, wherein, to synchronize the primary state with the client state, the distributed store is further configured to synchronize only mutable attributes.

5. (Original) The system as recited in claim 1, wherein the first application server is configured to perform a comparison of the tracked accessed attributes and a benchmark of the session data comprising a previous version of the one or more attributes to determine a subset of the tracked accessed attributes that are modified in respect to the benchmark of the session data; and wherein, to synchronize the primary state with the client state, the distributed store is configured to update the primary state with the subset of the accessed attributes that have been modified.

6. (Original) The system as recited in claim 5, wherein, in said comparison, the first application server is configured to perform a binary comparison of the tracked accessed attributes and the benchmark of the session data to determine a subset of the tracked accessed attributes that are modified in respect to the benchmark of the session data.

7. (Original) The system as recited in claim 5, wherein, in said comparison, the first application server is configured to perform an object graph comparison of the tracked accessed attributes and the benchmark of the session data to determine a subset of the tracked accessed attributes that are modified in respect to the benchmark of the session data.

8. (Currently amended) A system comprising:

a distributed store means comprising a primary state of session data configured for access by a plurality of application servers, wherein the session data comprises one or more attributes;

a first application server of the plurality of application servers comprising a client state of the session data;

means for tracking accesses of the attributes in the client state, coupled to or within the first application server, wherein said means for tracking

accesses of the attributes in the client state comprises means for storing information identifying the accessed attributes; and

means for synchronizing the primary state with the client state according to the provided accessed attributes.

9. (Currently amended) A method comprising:

tracking accesses of attributes in a client state of session data on a first application server, wherein the session data is accessible to one or more processes executing within the application server, wherein said tracking comprises the first application server maintaining information identifying the accessed attributes; and

synchronizing a primary state of the session data with the client state by applying the tracked accessed attributes to the session data of the primary state, wherein the primary state is configured for access by a plurality of application servers including the first application server.

10. (Canceled)

11. (Original) The method as recited in claim 9, further comprising storing the primary state in a distributed store accessible to the application servers.

12. (Original) The method as recited in claim 9, further comprising determining differences between the tracked accessed attributes and a benchmark of the session data comprising a previous version of the one or more attributes to detect a subset of the accessed attributes that have been modified; wherein, said synchronizing comprises applying only the subset of accessed attributes that have been modified to the session data of the primary state.

13. (Original) The method as recited in claim 12, wherein said determining differences comprises performing a binary comparison of the tracked accessed attributes to the benchmark of the session data.

14. (Original) The method as recited in claim 12, wherein said determining differences comprises performing an object graph comparison of the tracked accessed attributes to the benchmark of the session data comprising a previous version of the one or more attributes.

15. (Currently amended) ~~An article of manufacture~~ A tangible computer-accessible medium, comprising software instructions executable to implement:

tracking accesses of attributes in a client state of session data on a first application server, wherein the session data is accessible to one or more processes executing within the application server, wherein said tracking comprises the first application server maintaining information identifying the access attributes; and

synchronizing a primary state of the session data with the client state by applying the tracked accessed attributes to the session data of the primary state, wherein the primary state is configured for access by a plurality of application servers including the first application server.

16. (Canceled)

17. (Currently amended) ~~The article of manufacture~~ tangible computer-accessible medium as recited in claim 15, wherein the primary state is comprised in a distributed store.

18. (Currently amended) ~~The article of manufacture~~ tangible computer-accessible medium as recited in claim 15, wherein the software instructions are further

executable to implement determining differences between the tracked accessed attributes and a benchmark of the session data comprising a previous version of the one or more attributes to detect a subset of the accessed attributes that have been modified; wherein said synchronizing comprises applying only the subset of accessed attributes that have been modified to the session data of the primary state.

19. (Currently amended) The ~~article of manufacture~~ tangible computer-accessible medium as recited in claim 18, wherein said determining differences comprises performing a binary comparison of the tracked accessed attributes to the benchmark of the session data comprising a previous version of the one or more attributes.

20. (Currently amended) The ~~article of manufacture~~ tangible computer-accessible medium as recited in claim 18, wherein said determining differences comprises performing an object graph comparison of the tracked accessed attributes to the benchmark of the session data comprising a previous version of the one or more attributes.